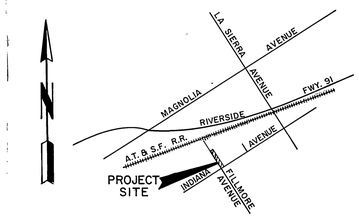
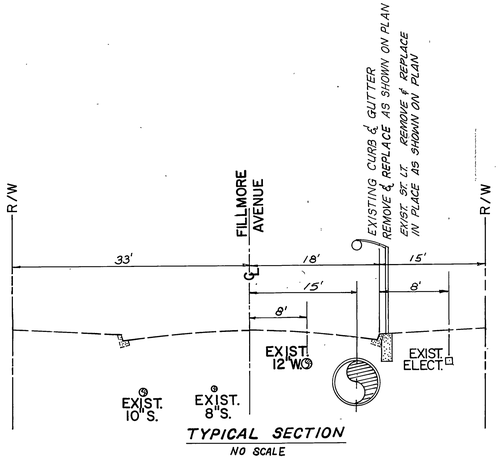


CITY OF RIVERSIDE
VICINITY MAP
NO SCALE



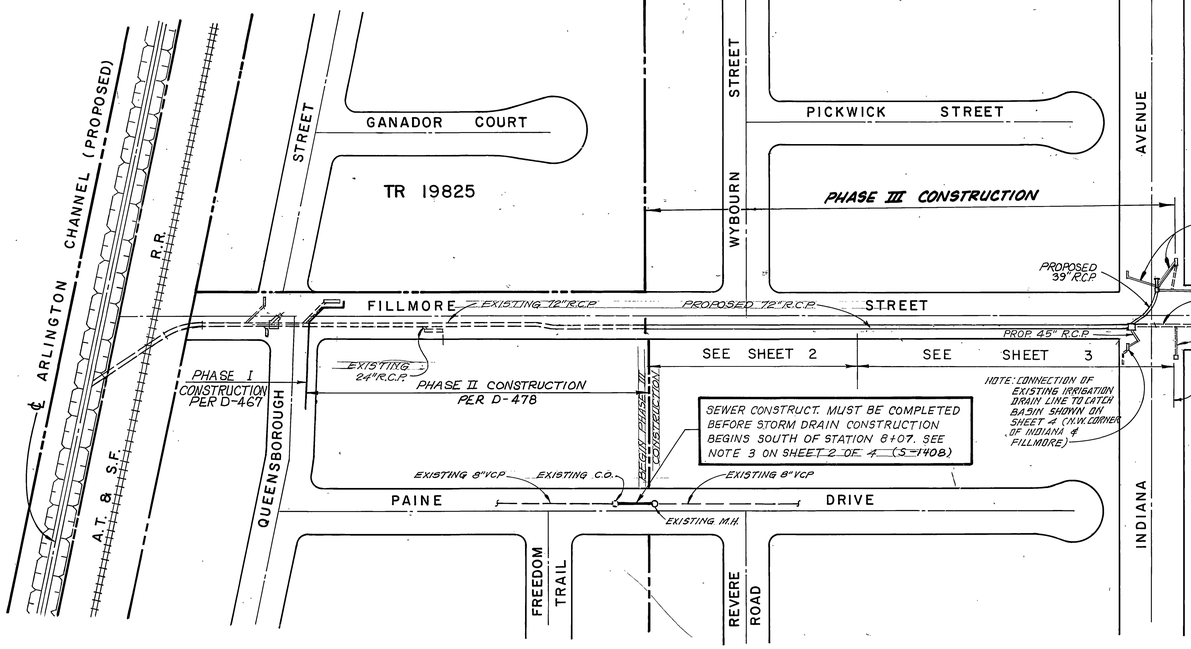
TYPICAL SECTION
NO SCALE

GENERAL NOTES

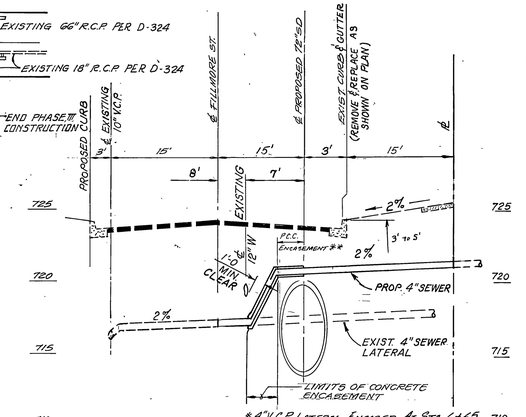
1. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985 EDITION, & 1986 SUPPLEMENT
4. PIPE BEDDING SHALL BE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 452, CASE 1.
5. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY PRIVATE ENGINEER.
6. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
7. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
8. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-422-4133, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
9. THE PRIVATE ENGINEER PREPARING THIS PLAN SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
10. LOCATIONS OF PUBLIC UTILITIES SHOWN HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE TRUE LOCATION OF ANY EXISTING UTILITIES AND TO EXERCISE PROPER PRECAUTIONS TO AVOID INJURY OR DAMAGE THERETO.
11. HOUSE CONNECTIONS SHALL BE REMODELED PER CITY OF RIVERSIDE STANDARD DRAWING NO. 554 AND DETAIL SHOWN BELOW.
12. CURB AND GUTTER SHALL BE REPLACED PER CITY OF RIVERSIDE STANDARD DRAWING NO. 200.
13. TRENCH RESURFACING STRUCTURAL SECTION SHALL BE 3.5" AC OVER 4" CRUSHED AGGREGATE BASE IN FILLMORE STREET AND 5"A.C. OVER 10" DISINTEGRATED GRANITE BASE IN INDIANA AVENUE.
14. PROTECT IN PLACE ALL EXISTING WATER METERS AND DRIVEWAY APPROACHES WITHIN THE LIMITS OF CONSTRUCTION AREA.

STREET LIGHT NOTES

(ST/T) REMOVE ORNAMENTAL ST. LT. & FOUNDATION TO CLEAR CONSTRUCTION - INSTALL TEMP. WOOD POLE & ST. LT. DURING CONST. REINSTALL ORNAMENTAL ST. LT. FOUNDATION, RELATED CONDUIT ETC. PER ITEM #92 OF UGS-800.



LOCATION MAP
100 50 0 100



* 4" V.C.P. LATERAL ENCASED AT STA. 6+65 & STA. 5+90 ℄ FILLMORE ST.

TYPICAL REMODELING DETAIL FOR SEWER LATERAL
NO SCALE

NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS.
THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

ESTIMATE OF QUANTITIES

NO.	ITEM		QTY.
1	72" R.C.P. (D-800)		351 L.F.
2	72" R.C.P. (D-1000)		320 L.F.
3	45" R.C.P.		30 L.F.
4	39" R.C.P.		65 L.F.
5	24" R.C.P.		81 L.F.
6	18" R.C.P.		29 L.F.
7	CONCRETE COLLAR	CITY OF RIVERSIDE STANDARD 424	6 EA.
8	4' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD 405	1 EA.
9	12' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD 405	1 EA.
10	18' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD 405	1 EA.
11	21' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD 405	0 EA.
12	M.H. JM	CITY OF RIVERSIDE STANDARD 432	1 EA.
13	A.C. PAVEMENT		190 TONS
14	CURB AND GUTTER REMOVAL AND REPLACEMENT PER STANDARD 200		628 L.F.
15	SEWER LATERALS TO BE MODIFIED		2 EA.
16	SEWER LATERAL CONCRETE ENCASEMENT		14 L.F.
17	J.S. NO. 4	CITY OF RIVERSIDE STANDARD 423	1 EA.
18	M.H. E.Z.	CITY OF RIVERSIDE STANDARD 431	1 EA.
19	M.H. AX	CITY OF RIVERSIDE STANDARD 430	1 EA.
20	45" CONCRETE BULKHEAD		1 EA.
21	39" CONCRETE BULKHEAD		1 EA.
22	J.S. B	CITY OF RIVERSIDE STANDARD 421	1 EA.
23	12" R.C.P.		12 L.F.
24	AGGREGATE BASE MATERIAL		160 C.Y.

** As built 2-16-88 TE

INDEXED KB.

TWO DAYS BEFORE YOU DIG
CALL U.S.A. UNDERGROUND ALERT
TOLL FREE 1-800-422-4133

McCUTCHAN CO., INC.
265 N. SAN GABRIEL BLVD. (818) 795-5162
PASADENA, CALIFORNIA 91107

Approved: Gerald E. Tutt 2/12/85
GERALD E. TUTT R.C.E. 14375 Date

MARK REVISIONS APPR. DATE

DESIGNED BY WK DRAWN BY DB CHECKED BY

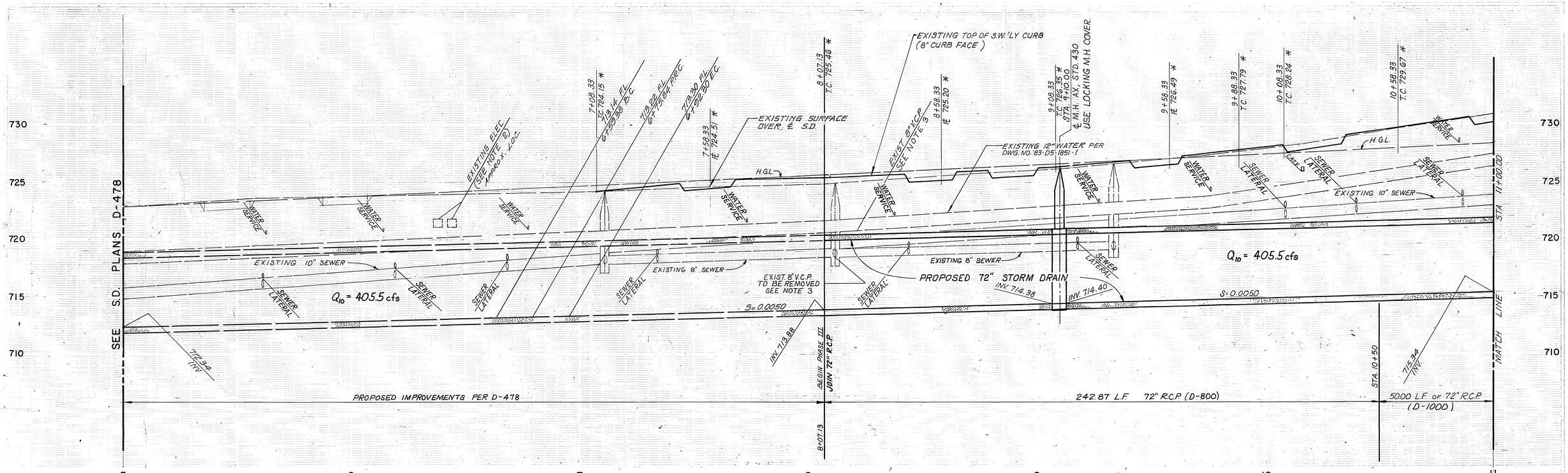
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	1/31/86	
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P.W. ENGINEER		
INSPECTION	88-86	

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 2-3-86

FILLMORE STREET
STORM DRAIN PHASE III
TITLE SHEET
STA. 8+07.13 TO 14+87.90
SCALE: AS SHOWN

ACCOUNT NO. D-486
SHEET 1 OF 4
M 305-1101

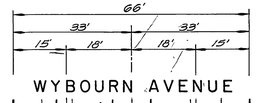


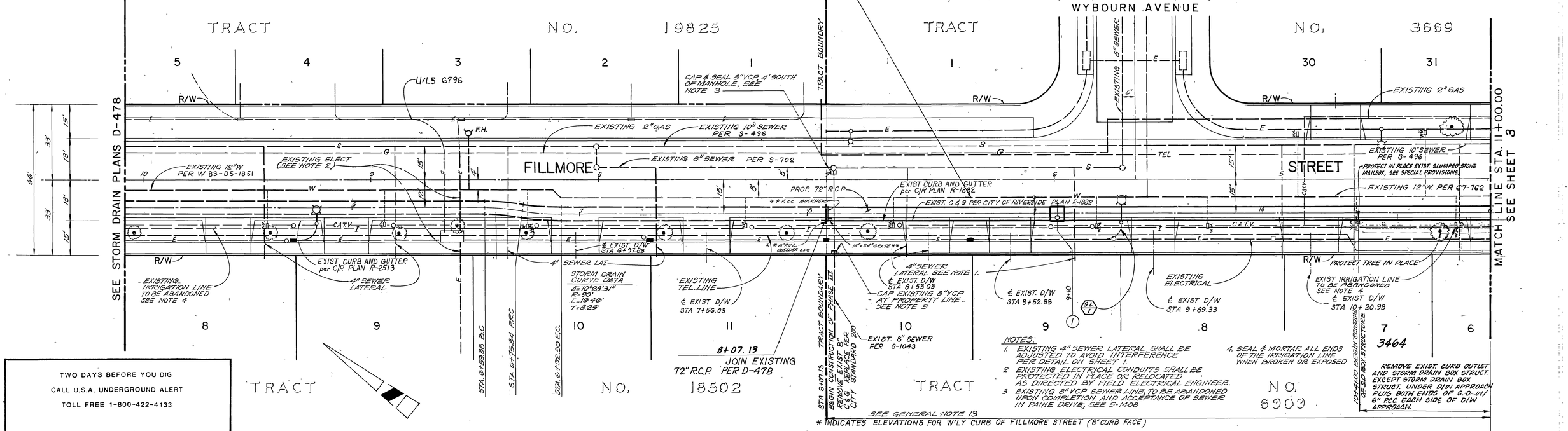
CONSTRUCTION LEGEND

① M.H. AX PER CITY STANDARD 430 D-72"

CONTRACTOR SHALL PROTECT IN PLACE EXISTING 12" A.C. WATER PIPELINE METHOD OF PROTECTING SHALL BE SUBMITTED TO THE CITY WATER DIVISION FOR APPROVAL PRIOR STARTING EXCAVATION.

BENCH MARK 739.97
PK NAIL & CITY ENGR TAG IN S.E. CURB RETURN ℄ INDIANA AVE. & FILLMORE ST





NOTES:

1. EXISTING 4" SEWER LATERAL SHALL BE ADJUSTED TO AVOID INTERFERENCE PER DETAIL ON SHEET 1.
2. EXISTING ELECTRICAL CONDUITS SHALL BE PROTECTED IN PLACE OR RELOCATED AS DIRECTED BY FIELD ELECTRICAL ENGINEER.
3. EXISTING 8" RCP SEWER LINE TO BE ABANDONED UPON COMPLETION AND ACCEPTANCE OF SEWER IN PAINE DRIVE, SEE S-1408.
4. SEAL ℄ MORTAR ALL ENDS OF THE IRRIGATION LINE WHEN BROKEN OR EXPOSED

SEE GENERAL NOTE 13

* INDICATES ELEVATIONS FOR W'LY CURB OF FILLMORE STREET (8" CURB FACE)

TWO DAYS BEFORE YOU DIG
CALL U.S.A. UNDERGROUND ALERT
TOLL FREE 1-800-422-4133

PUBLIC UTILITIES DEPT - ELECT. UNDERGROUND AND OVERHEAD CHIEF UTILITIES ENGR. 10/4/85 DATE	SOUTHERN CALIFORNIA GAS CO. 9-13-85 DATE	
PACIFIC BELL CO. 9.30.85 DATE	CITY OF RIVERSIDE DOMESTIC WATER APPROVED 9-23-85 DATE	FALCON CABLE TV APPROVED 10/2/85 DATE

McCUTCHAN CO., INC.
265 N. SAN GABRIEL BLVD. (818) 795-5162
PASADENA, CALIFORNIA 91107
Approved: GERALD E. TUTT R.C.E. 14375 9-12-85 Date

W.K. DB DC 1/31/86 William D. Hardman INSPECTION 2.3.86

INDEXED K.B.

FILLMORE STREET STORM DRAIN PHASE III

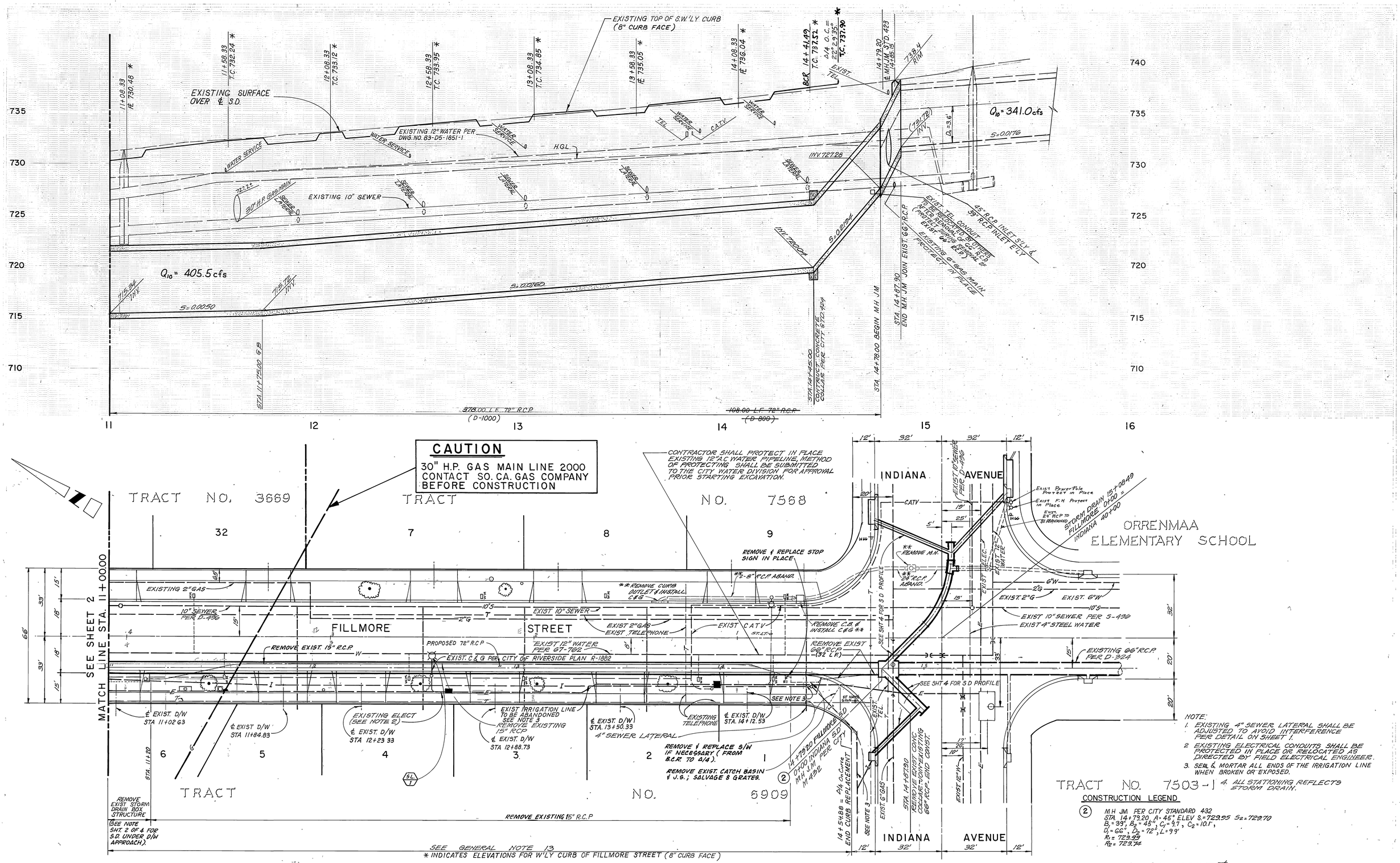
STA. 8+07.13 TO 11+00.00

D-486

2 4

M 305-1101

20' 4'



NOTE:
1. EXISTING 4" SEWER LATERAL SHALL BE ADJUSTED TO AVOID INTERFERENCE PER DETAIL ON SHEET 1.
2. EXISTING ELECTRICAL CONDUITS SHALL BE PROTECTED IN PLACE OR RELOCATED AS DIRECTED BY FIELD ELECTRICAL ENGINEER.
3. SEAL & MORTAR ALL ENDS OF THE IRRIGATION LINE WHEN BROKEN OR EXPOSED.
4. ALL STATIONING REFLECTS STORM DRAIN.

CONSTRUCTION LEGEND

(2) M.H. JM PER CITY STANDARD 432
STA. 14+79.20 A= 45° ELEV. S.=729.95 Sz=729.70
B_1=39', B_2=45', C_1=9.1', C_2=10.1',
D=66" D_2=72", L=9.9'
R_1=729.99
R_2=729.94

** As built 2-16-88 TE

INDEXED KB

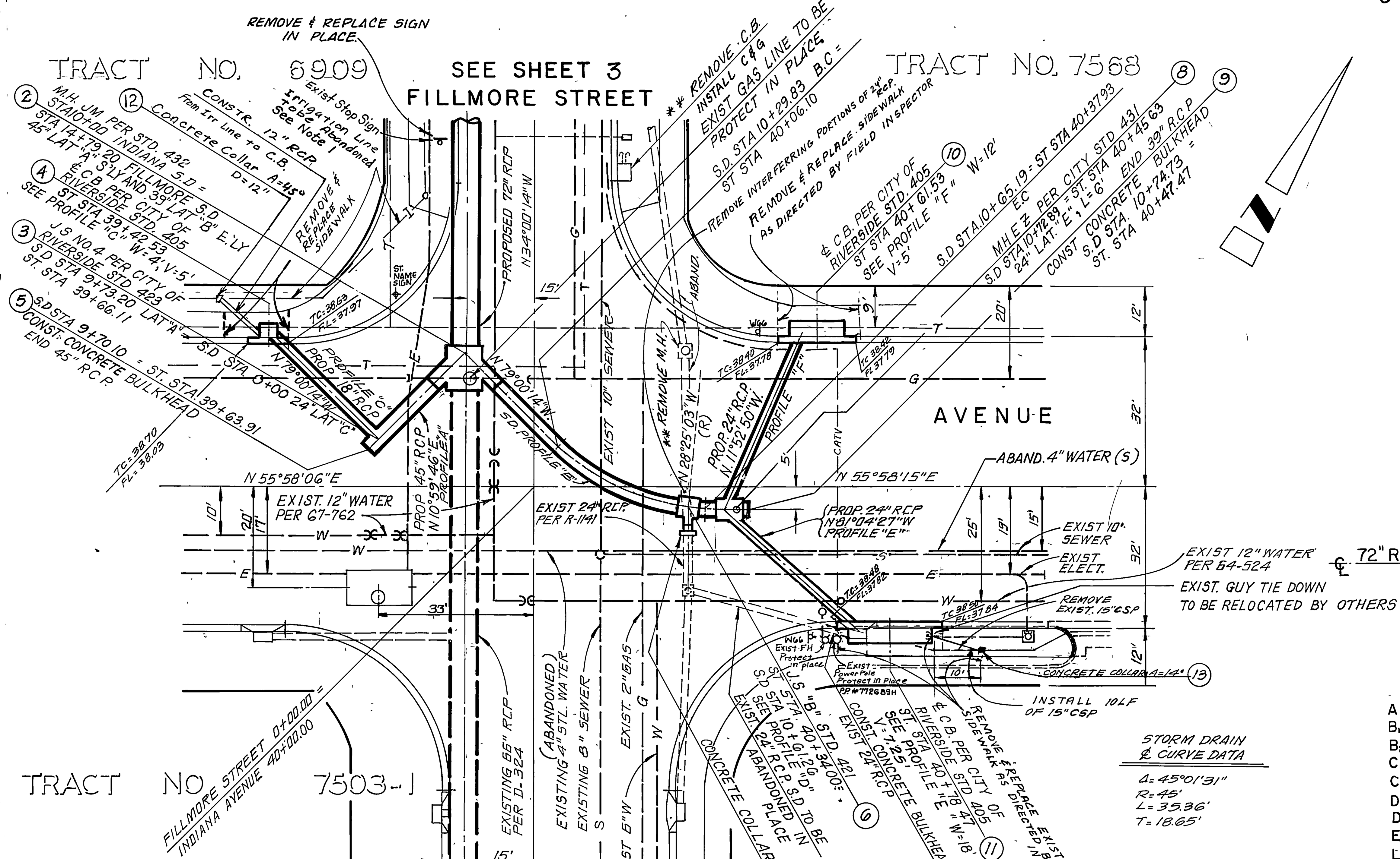
PUBLIC UTILITIES DEPT.-ELECT. UNDERGROUND & OVERHEAD CHIEF UTILITIES ENGR. 10/3/85 DATE	SOUTHERN CALIFORNIA GAS CO. 9-13-85 DATE	TWO DAYS BEFORE YOU DIG CALL U.S.A. UNDERGROUND ALERT TOLL FREE 1-800-422-4133	McCUTCHAN CO., INC. 265 N. SAN GABRIEL BLVD. (818) 795-5162 PASADENA, CALIFORNIA 91107
PACIFIC BELL CO. 9-30-85 DATE	CITY OF RIVERSIDE DOMESTIC WATER APPROVED 9-23-85 DATE	FALCON CABLE TV 10/2/85 DATE	Approved: 3-12-85 Date GERALD E. TUTT R.C.E. 14375

WK DB INSPECTION 8-88 BR

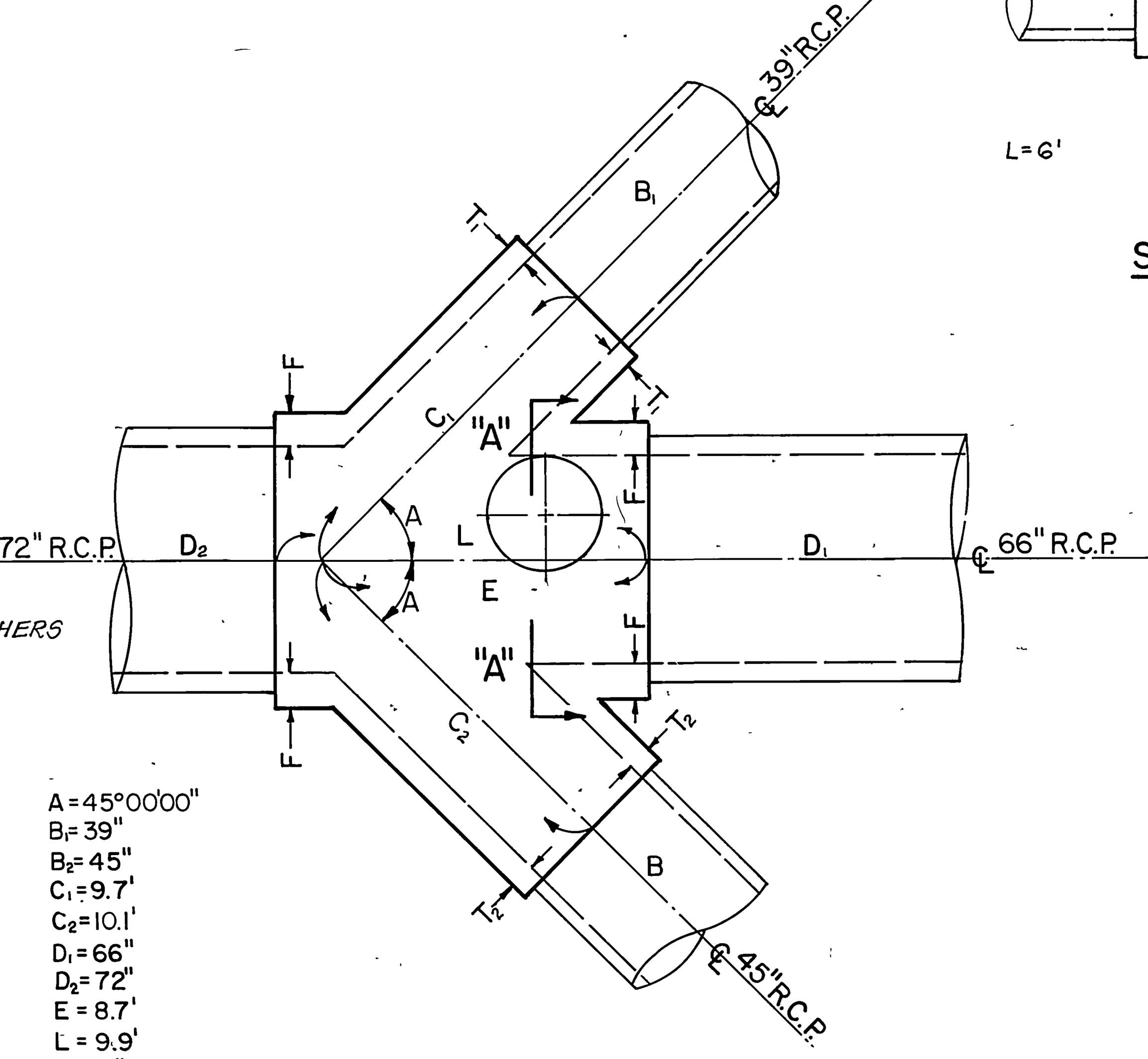
WE 1/3/86 William D. Gardner 2.3.86

FILLMORE STREET STORM DRAIN
PHASE III
STA. 11+00 TO STA. 14+87.20

D-486
3 4
20' 4'
M 305-1101

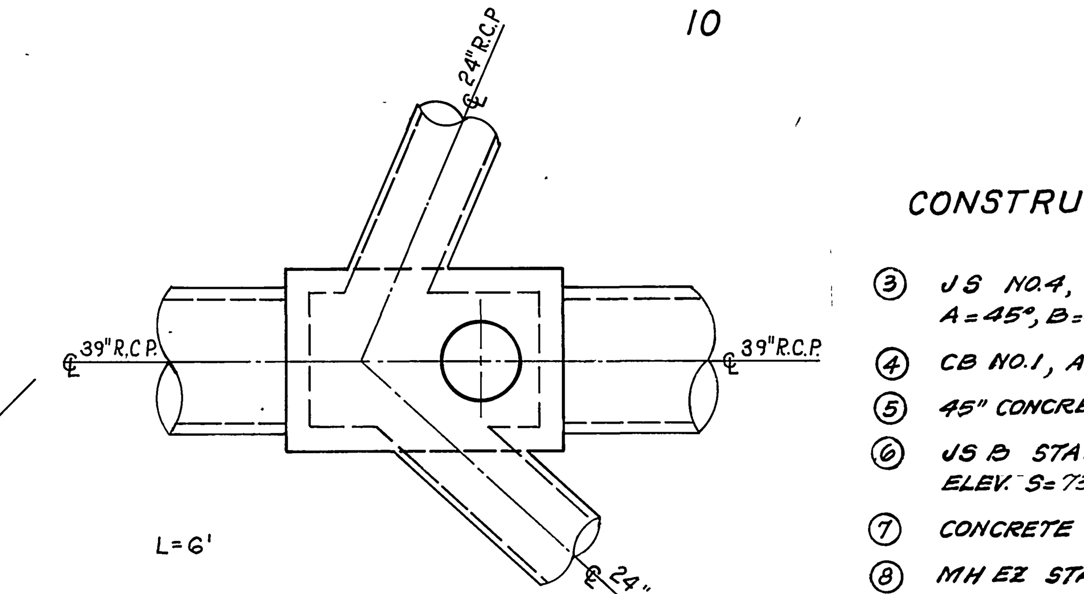


NOTE:
1.) SEAL & MORTAR ALL ENDS OF THE IRRIGATION LINE WHEN BROKEN OR EXPOSED.



A=45°00'00"
B₁=39"
B₂=45"
C₁=9.7'
C₂=10.1'
D₁=66"
D₂=72"
E=8.7'
L=9.9'
T₁=7"
T₂=7.75"
F=11"

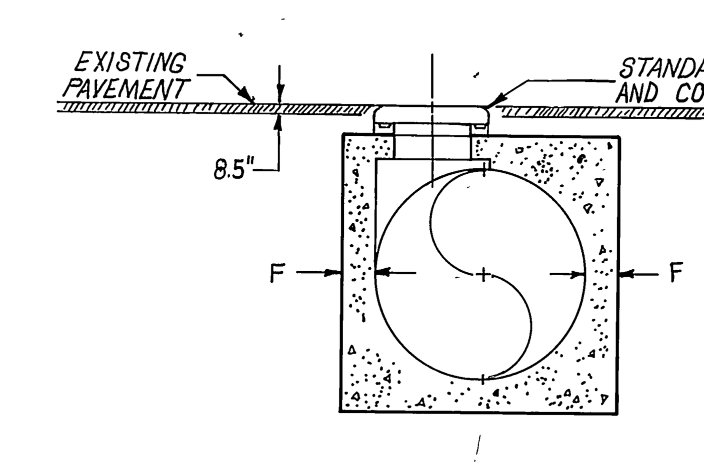
M.H. JM
STA. 14+79.20
SCALE: 1"=4'



M.H. EZ
STA. 10+72.89
SCALE 1"=4'

CONSTRUCTION LEGEND

(3) J S NO. 4, STA 9+79.20 LAT. "A" A=45°, B=4.40', D=24" PER CITY STD 423
(4) CB NO. 1, A=3', D=24" V=5', W=4' PER CITY STD 405
(5) 45" CONCRETE BULKHEAD PER RCFCD STD M816
(6) J S B STA10+61.26 LAT "B", A=84.4°, B=24", C=2.5', L=3', E=1.5' ELEV. S=730.83, ELEV. R=732.84, D=39" PER CITY STD 421.
(7) CONCRETE COLLAR PER CITY STD 424, A=35.6° D=24"
(8) MH EZ STA 10+72.89, L=6', D=39"
(9) 39" CONCRETE BULKHEAD PER RCFCD STD. M816
(10) CB NO. 1, A=3', D=24", V=5', W=12' PER CITY STD. 405
(11) CB NO. 1, A=3', D=24", V=7.25', W=18' PER CITY STD. 405
(12) CONCRETE COLLAR PER CITY STD. 424, A=45°, D=12"
(13) CONCRETE COLLAR PER CITY STD 424, A=14°, D=15"



SECTION "A"
STANDARD M.H. JM EXCEPT AS NOTED

PUBLIC UTILITIES DEPT-ELECT UNDERGROUND AND OVERHEAD — CHIEF UTILITIES ENGR. 1/9/86	SOUTHERN CALIFORNIA GAS CO — 9-13-85
PACIFIC BELL — 9-30-85	CITY OF RIVERSIDE DOMESTIC WATER — 9-25-85

TWO DAYS BEFORE YOU DIG
CALL U.S.A UNDERGROUND ALERT
TOLL FREE 1-800-422-4133

FALCON CABLE TV — 10/2/85

McCUTCHAN CO., INC.
265 N. SAN GABRIEL BLVD. (818) 795-5162
PASADENA, CALIFORNIA 91107

Approved: GERALD E. TUTT R.C.E 14375 9-12-85

William D. Gardner 2.3.86

** As built 2-16-88

FILLMORE STREET LATERALS & INDIANA AVENUE STORM DRAIN
PHASE III
STA. 9+70.10 TO STA. 10+74.73

D-486

4 4

M 305-1101